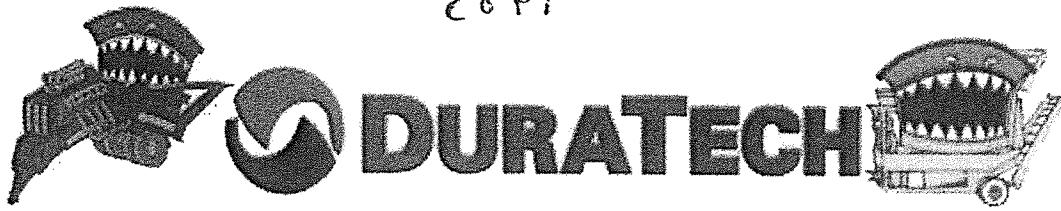


COPY



## 5064 Grinder Checklist

1. Machine serial # 70-2-10-0001 (Installers Russ, Blaine, Sieve)

2. Engine serial # JPE 10891 ECM# 316-7381 HP rate 540

3. Engine family name (number) ACPXL15-2ESW

4. HPTO serial # Part# HPTO 15FX-91-109 controller# A228702 RX-CMC MU-008-DA

5. Remote ID # 24 8499 TX-sn. 1151559 RX-sn 1151560

6. A. Decal for remote start---ok.

7. B. Velcro or magnetic mount.

8. C. Antenna lead OHM check---ok. Reading is 0.6

9. D. Switch removal tools in bottom of control panel---ok.

10. E. Drain holes in bottom of control panel and door---ok.

11. F. Air compressor---yes no. Accessories---yes no. Comp oil---ok

12. G. Comp eng oil level---ok. Eng model CH 4308 serials 5824105921

13. H. Eng spec # CH 430 0017 comp model FD61403AV comp serial FH 09090605

14. I. Tank model 5F564A tank serial 45/12/2010 eng runs---ok.

15. J. Machine configuration matches invoice---yes no

16. K. A. Correct screens installed \_\_\_\_\_ extra's \_\_\_\_\_

17. L. B. Rotor, screens, hammers, painted (overseas)---ok.

18. M. C. Mag. roller and chute---yes---no. Set screwed---ok.

19. N. D. Hydraulic jacks---yes---no.

20. O. E. Engine block heaters---yes---no.

21. P. F. Fluids---coolant level---ok. Antifreeze good for -35° F

22. Q. G. A. Hyd. Level---ok. Filter # 4400136 Gauge installed---ok.

23. R. H. B. Clutch oil level---ok. Filter # 4400073 Spare for end user---ok.

24. S. I. C. Changed filter after checklist completed---ok.

25. T. J. D. Engine oil level---ok. Filter # CAT 12-1808 Double w/d

26. U. K. E. 10. Air fltrs instld---ok. Filter # (in) P781102 (out) P781D48 Double w/d

27. V. L. F. 11. Fuel filters---primary 326-1643 secondary 12-071665

WATERFORD

EXHIBIT 4

- 12. Rotor brg temp: left 185 right 163
- 13. Belly belt---tracking OK lacing OK
- 14. belt cleaner--ok. Seal adjustment---Left--ok. Right--ok.
- 14. Stacking belt---tracking OK Lacing OK  
belt cleaner--ok.
- 15. Conveyor pump pressure \_\_\_\_\_ gpm \_\_\_\_\_
- 16. Conveyor pressure---idle 650 PSI 2100 rpm 750 PSI
- 17. Local functions:
  - A. Engine kill--ok.
  - B. Throttle up\dn--ok.
  - C. Conveyor run--ok. raise\lower--ok. fold\unfold--ok.  
Swing- left\right--ok. Speed up\slow down---ok. Rev--ok.
  - D. Work lights--ok.
  - E. Hyd. legs
    - 1. Eng side. LF up/dn--ok. RF up/dn--ok. (Machine up is leg up)  
LR up/dn--ok. RR up/dn--ok. (dn is leg dn)
    - 2. Aux. side LF up/dn--ok. RF up/dn--ok.  
LR up/dn--ok. RR up/dn--ok.
  - F. Table up/dn--ok.
  - G. Feed roller up/dn--ok.
  - H. Screens reset/retract (key pwr off)--ok.
  - I. Total grind hr meter--ok. Job grind hr meter--ok. Reset--ok.
  - J. Fuel gauge--ok.
- 18. Gauges operation--ok.
  - 1. Tach RPM matches control panel tach RPM---ok.
  - 2. Gauges labeled--ok.

19. Clutch operation:

- A. Power LED on steadily---ok.
- B. Input LED on steadily---ok.
- C. PSI transducer LED on steadily---ok.
- D. Engages---ok. Disengages---ok.

- rpm range for engagement 700 to 1000 <sup>W<sub>op</sub> T</sup> <sub>@ 1075</sub>
- E. Output speed detected with clutch engaged---ok.
- F. Safety switch light on if fault present---ok.  
*(disconnect rtr cvr sw to simulate fault)*

20. Remote functions;

- A. Engine kill---ok.
- B. Throttle up & dn---ok.
- C. Conveyor up/down---ok. swing---left/right---ok. fwd ---ok.
- D. Feed roll fwd\rev---ok. fast\slow---ok. up\dn---ok.
- E. Feed floor FWD\ REV---ok. Fast/slow---ok.
- F. Table up\dn---ok.

21. PLC

- A. Scroll up/dn---ok.
- B. Enter/Back---ok.
- C. Cvys fwd latching (both cnvy's) ---ok. *Conv Rev Belly only*
- D. Feed flr fwd/rev, manual & auto, fast & slow---ok.
- E. Feed roll fwd/rev, manual & auto, fast & slow---ok.
- Dn psi---ok.
- F. Floor control Auto/manual---ok.
- G. Screen position sw-close sw, shows message on screen---ok.
- Sends eng. to idle and disengages clutch---ok.
- H. Rtr cover sw.-open sw, shows message on screen---ok.
- I. Temp/level sw.-open sw, shows message on screen---ok.
- Sends eng to idle and disengages clutch---ok.

- ✓ J. Feed floor PSI sw.- disconnect/reconnect sw floor rev.--ok.  
Disconnect sw. for 20 secs in operating mode, feed floor & feed roll stop--ok.
- ✓ K. Feed psi sw.- disconnect/reconnect sw. roll reverses--ok.  
Disconnect sw. for 15 secs. In operating mode, feed floor & Feed roll stop--ok.
- ✓ L. Belly cnvy psi sw.-disconnect/reconnect sw floor & roll Reverse--ok.  
Disconnect sw for 10 sec. in operating mode, belly convy, feed floor & feed roll stop--ok.
- ✓ M. Clutch fault- creat a clutch fault (psi or temp)- display Shows clutch fault--ok.  
Sends engine to idle in 5 minutes--ok.
- ✓ 22. Vibs @ 2100 rpm ACC 4.4 VEL 3.3 DISP 2.3 2.4-2.9
- ✓ 23. ABS brakes check--ok NA Air brake function check--ok.
- ✓ 24. Grease all grease zirks on machine--ok.
- NA 25. Grease exposed hyd rams--ok.
- NA 26. Cotter pins installed in all hyd. cylinder yokes--yes.
- ✓ 27. Oil level in rear axles--ok.
- ✓ 28. Fire extinguisher--frame--yes <sup>yes</sup> <sub>no</sub>. cab--yes <sup>yes</sup> <sub>no</sub>, charged--ok.
- ✓ 29. Lights--tail--ok. Stop--ok. Turn--ok. Clearance--ok.  
ABS -yellow lite--ok. NA
- NA 30. Oversize load sign installed--ok. NA
- ✓ 31. Rotary screen rotation: direction--ok. adjustment--ok.
- ✓ 32. All functions labeled--ok.
- ✓ 33. Engine door restraints--ok. Reinforce plates door handle--ok.
- ✓ 34. Paint OK USED Machine Paint Work in Areas
- ✓ 35. Photos overseas machines--yes. Bob & Heather
- NA 36. Attach copy of invoice--yes.

- 37. Battery terminal clamps tight---ok.
- 38. All battery cables covered with hyd hose protector---ok.
- 39. No wires or hoses hanging below frame rails---ok.
- 40. Stickers- Pinch point---ok.
- ~~VA~~ 41. Cat sticker on control panel---ok. *VA*
- ~~VA~~ 42. Rubber under hyd. tank---ok.
- 43. Lock nuts for hyd tank mts---ok.
- ~~VA~~ 44. Ground bar wire terminals tight---ok.
- 45. Circuit breaker box terminals tight---ok.
- 46. Master disconnect switch works and labled---ok.
- ~~VA~~ 47. Insulate control panel door cable---ok.
- 48. Mud flaps installed---ok.
- ~~VA~~ 49. Keys in tool box---ok. Key # \_\_\_\_\_ Lock works---ok.
- ~~VA~~ 50. Clutch reservoir rubber mounted---ok.
- 51. All relays fastened in the up position---ok.
- 52. Radiator seal kit tight---ok.
- 53. Bottom of lower discharge conveyor section painted---ok.
- 54. All hyd hoses protected from sharp edges & other hoses---ok.
- 55. Turbo plug tight---ok.
- 56. Eng. manuals in office---ok CD---ok, Parts---ok, Key---ok.  
Warranty reg.---ok. Op & maint. Manual---ok.
- 57. Remote manual in manual box---ok.
- 58. Manual box installed---ok.
- 59. Air compressor manuals in manual box---ok.
- 60. Auxiliary Functions:
  - A: Table up/dn---ok B: Conveyor up/dn---ok *L/R - ok*
  - C: Feed Roll up/dn---ok D: Conv fold/unfold---ok

NEXT PAGE FOR COMMENTS---OK.

**Comments:** Feed Floor PSI @ 2100 = 400

Feed Wheel PSI @ 2100 = 650

Date: 7/14/12

**Checked by:** Tino Whaley